

**MEMORANDUM OF AGREEMENT
BETWEEN
THE UNITED STATES DEPARTMENT OF ENERGY
NATIONAL NUCLEAR SECURITY ADMINISTRATION
OFFICE OF SECURE TRANSPORTATION, NA-15
AND
THE UNITED STATES DEPARTMENT OF ENERGY
SAVANNAH RIVER SITE OFFICE
FOR
OFFSITE TRITIUM TRANSPORTATION**

I. BACKGROUND

The United States Department of Energy (DOE), National Nuclear Security Administration (NNSA), Office of Secure Transportation (OST), mission is to manage the Transportation Safeguards System (TSS), and provide for the safe and secure offsite movement of Nuclear Weapons, Nuclear Material of National Security Interest, and Nuclear Material of Strategic Importance throughout the continental United States. This material is defined in DOE Order 461.1A, *Packaging and Transfer or Transportation of Materials of National Security Interest*; Order 473.1, *Physical Protection Program*; Order 473.2, *Protective Force Program*; Order 474.1, *Control and Accountability of Nuclear Materials*; and OST Policy 5.11, *Hazardous Material Shipments*.

Tritium is a Nuclear Material of Strategic Importance currently mandated for offsite transportation via the TSS under OST Federal Agent escort per Order 473.2. Tritium is required to be afforded a Graded Safeguards Program per Order 474.1.

II. PURPOSE

This Memorandum of Agreement is entered into by NNSA/OST, the NNSA Savannah River Site Office (SRSO), and the DOE SR Office of Safeguards. Its purpose is to set forth the specific agreements, understandings, and obligations, pursuant to which the parties will plan, participate and support offsite Tritium movements within the TSS. The period of agreement during which support is provided continues until this MOA is amended or terminated.

III. POLICY

This agreement sets forth general policy for SRSO and the DOE SR Office of Safeguards participation with and support to OST. This agreement does not preclude OST from making other more specific agreements with other agencies regarding details of support to be rendered.

IV. RESPONSIBILITIES

Tritium moves are authorized to be conducted by OST, SRSO, and the DOE SR Office of Safeguards in the following configuration:

SRSO Tritium Trucks driven by DOE SR Office of Safeguards contractor support (Wackenhut Services Inc.), accompanied by OST Escort Van with Federal Agents. OST is Incident Command for all incidents;

DOE/NNSA/OST Agrees to:

1. Provide OST Federal Agent escort for offsite Tritium movements. OST escort will be by TSS operations escort vehicle;
2. Coordinate trip status and update to OST Transportation Emergency Control Center (TECC) per the Federal Agent procedural instruction;
3. Transfer custody of strategic material for Bush Field and Kings Bay using DoD form DD-1911 or DOE Form AD-60;
4. Serve as the On-Scene Incident Commander for all events;
5. Establish a National Security Area (NSA) for an accident with breached container/fire-explosion that could affect public safety' in accordance with existing OST policies and procedures;
6. Provide a point of contact for shipment planning coordination;
7. Specify truck and tiedown requirements;
8. Specify vehicle maintenance requirements and frequency;
9. Specify driver and escort requirements;
10. Share domestic threat information with SRSO;
11. Include offsite Tritium movement in the OST Safety Basis and Authorization Agreement; and
12. Include offsite Tritium movement oversight in the OST Independent Survey Program.

DOE/NNSA/SRSO and the DOE SR Office of Safeguards Agree to:

1. Provide appropriate trucks with approved tiedown capability for offsite Tritium movement;
2. Provide appropriately trained and CDL licensed drivers for offsite Tritium movements to Augusta, GA (Bush Field) and Kings Bay, GA;
3. Support OST for all Incident Command events and if a National Security Area (NSA) is established for any accident severe enough to affect public safety;
4. Transfer custody of strategic material for Bush Field and Kings Bay using DoD form DD-1911 or DOE Form AD-60;
5. Share domestic threat information with OST;
6. Load and unload conveyance vehicles;
7. Train to and perform appropriate tiedowns;
8. Provide transportation manifests and shipping certifications (5600.3A,B,C);
9. Conduct required maintenance, in accordance with OST requirements;
10. Support OST Escort Vehicle maintenance, if necessary;
11. Maintain all pertinent records and surveys (maintenance logs, vehicle inspections, vehicle and cargo radiological surveys); and
12. Support the OST Independent Survey Program.

V. PROGRAM FUNDING

The detail of the levels of support to be furnished one organization by the other with respect to categories of support will be developed in separate instruments, if necessary.

VI. MANAGEMENT ARRANGEMENTS

This MOA envisages direct communication between OST, SRSO, and the DOE SR Office of Safeguards involved in managing the work to be performed.

VII. AMENDMENTS AND TERMINATION

This MOA may be modified or amended by written agreement between OST, SRSO, and the DOE SR Office of Safeguards and terminated by mutual agreement of OST, SRSO,

or the DOE SR Office of Safeguards or by any party upon thirty (30) days written notice to the other.

VIII. EFFECTIVE DATE

This MOA becomes effective on the date of the last signature and will remain in effect until modified or terminated.

In witness thereof, the parties have executed this MOA effective as of the later date signature.

Savannah River Site Office

Office of Secure Transportation

By: SIGNED

By: SIGNED

Richard W. Arkin
Manager
Savannah River Site NNSA Office

Dennis J. Reese
Acting Assistant Deputy Administrator
Office of Secure Transportation

Date: 12/19/2005

Date: 1/3/2006

Savannah River Operations Office

By: SIGNED

Ronald T. Bartholomew
Director
Office of Safeguards, Security and Emergency Services

Date: 12/8/2005